

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Bert Vogelstein) Prior Group Art Unit: 1637
Serial No.: To Be Assigned) Prior Examiner: J. Siew
Filed: April 21, 2004) Atty. Dkt. No. 001107.00474
For: DIGITAL AMPLIFICATION

INFORMATION DISCLOSURE STATEMENT

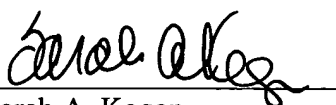
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Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, enclosed is PTO Form-1449 listing documents for consideration by the Examiner during the prosecution of the subject application. All cited art was previously disclosed or cited in parent application Serial No. 09/981,356 filed October 12, 2001. Copies of the cited art are available in the parent application.

Respectfully submitted,

Date: April 21, 2004

By 
Sarah A. Kagan
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 3

Complete if Known

Application Number	TBA
Filing Date	April 21, 2004
First Named Inventor	Bert Vogelstein
Prior Group Art Unit	1637
Prior Examiner Name	J. Siew
Attorney Docket Number	001107.00474

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,213,961	05-25-93	Bunn et al	
		US-5,736,333	04-07-98	Livak et al	
		US-5,518,901	05-21-96	Murtagh	
		US-5,804,383	09-08-1998	Gruenert et al.	
		US- 5,858,663	01-12-1999	Nisson et al.	
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		US- 5,928,870	07-1999	Lapidus et al. *	
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		US- 6,143,496	11-2000	Brown et al. *	
		US- 6,291,163	09-18-01	Sidransky	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 95/13399	05-18-1995			
		EP 0643140 A	03-15-1995			
		WO 99/13113	03-18-1999			

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³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet

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Examiner Name	J. Siew
Attorney Docket Number	001107.00474

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		A. PIATEK et al., "Molecular Beacon Sequence Analysis for Detecting Drug Resistance in Mycobacterium Tuberculosis", Nature Biotechnology, April 1998, pp. 359-363, Vol. 16, No. 4	
		S. TYAGI et al., "Multicolor Molecular Beacons for allele discrimination", Nature Biotechnology, pp. 303-308, January 1998, Vol. 16, No. 1	
		J. A.M. VET et al., "Multilex Detection of Four Pathogenic Retroviruses Using Molecular Beacons", Proceedings of the National Academy of Sciences of the United States, May 25, 1999, pp. 6394-6399, Vol. 96, No. 11	
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		W. P. HALFORD et al., "The Inherent Quantitative Capacity of the Reverse Transcription-Polymerase Chain Reaction", Analytical Biochemistry, January 15, 1999, pp. 181-191, Vol. 266, No. 2	
		B. VOGELSTEIN et al., "Digital PCR", Proceedings of the National Academy of Sciences of the United States, August 3, 1999, pp. 9236-9241, Vol. 96, No. 16	
		K. D.E. EVERETT et al., "Identification of nine species of the Chlamydiaceae Using PCR-RFLP", April 1999, pp. 803-813, Vol. 49, No. 2 *	
		Darren G. MONCKTON, et al., "Minisatellite "Isoallele" Discrimination in Pseudohomozygotes by Single Molecule PCR and Variant Repeat Mapping", Genomics 11, pp. 465-467, 1991 *	
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		W. NAVIDI, et al., "Using PCR in Preimplantation Genetic Disease Diagnosis", Human Reproduction, Vol. 6, No. 6, pp. 836-849, 1991 *	
		Hongua LI, et al., "Amplification and Analysis of DNA Sequences in Single Human Sperm and Diploid Cells", Nature, Vol. 335, September 29, 1988 *	

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Sheet 3

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Lin ZHANG, <i>et al.</i> , "Whole Genome Amplification from a Single Cell: Implications for Genetic Analysis", Proc. National Science USA, Vol. 89, pp. 5847-5851, July 1992 *	
		David SIDRANSKY, <i>et al.</i> , "Clonal Expansion of p53 Mutant Cells is Associated with Brain Tumour Progression", Nature, February 27, 1992 *	
		Alec J. JEFFREYS, <i>et al.</i> , "Mutation Processes at Human Minisatellites", Electrophoresis, pp. 1577-1585, 1995 *	
		C. SCHMITT, <i>et al.</i> , "High Sensitive DNA Typing Approaches for the Analysis of Forensic Evidence: Comparison of Nested Variable Number of Tandem Repeats (VNTR) Amplification and a Short Tandem Repeats (STR) Polymorphism", Forensic Science International, Vol. 66, pp. 129-141, 1994 *	
		Paul M. LIZARDI, <i>et al.</i> , "Mutation Detection and Single-Molecule Counting Using Isothermal Rolling-Circle Amplification", Nature Genetics, Vol. 19, July 1998 *	
		R. PARSONS, <i>et al.</i> , "Mismatch Repair Deficiency in Phenotypically Normal Human Cells", Science, Vol. 268, May 5 1995 *	

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